

**Fig. 1**

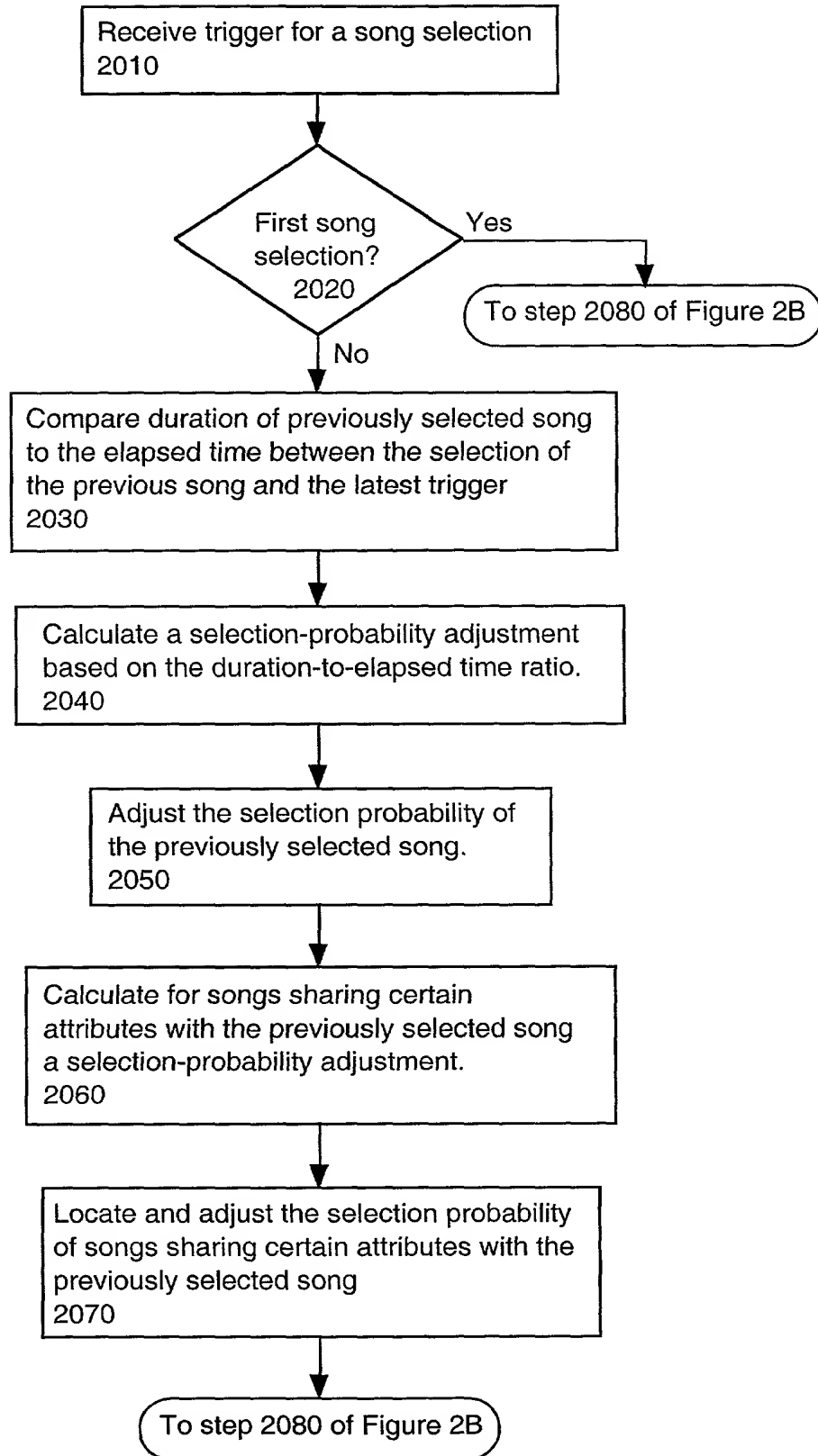


Fig. 2A

From step 2070 of Figure 2A

Sum the selection probabilities of each song  
2080

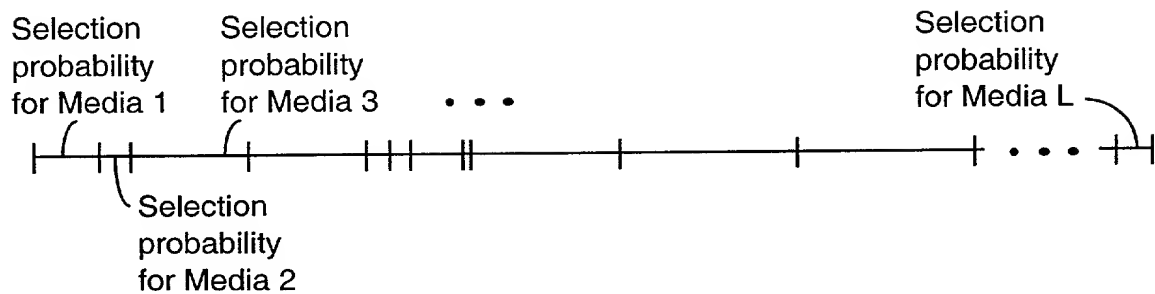
Generate a random number within the range of the selection probability summation  
2090

Add selection probability of each media item until the total is greater than or equal to the random number  
2100

Update media related data  
2110

**Fig. 2B**

Probability Density Function



**Fig. 3**